TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371	ATTORNEY'S DOCKET NUMBER UNIV0350
	U.S. APPLICATION NO. (if known, see 37 CFR 1.5) 10/574133

INTERNATIONAL APPLICATION NO. PCT/US2004/032427	INTERNATIONAL FILING DATE 01 October 2004	PRIORITY DATE CLAIMED 03 October 2003

TITLE OF INVENTION

TRANSCUTANEOUS LOCALIZATION OF ARTERIAL BLEEDING BY TWO-DIMENSIONAL ULTRASONIC IMAGING OF TISSUE VIBRATIONS

APPLICANT(S) FOR DO/EO/US

Siddhartha Sikdar, Yongmin Kim, and Kirk W. Beach

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. _X_ This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.

2. ____ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.

3. _X_ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.

4. _X_ The US has been elected (Article 31).

5. _X_ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
_____ a. is attached hereto (required only if not communicated by the International Bureau).
_X_ b. has been communicated by the International Bureau.
_____ c. is not required, as the application was filed in the United States Receiving Office (RO/US).

6. _X_ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
_____ a. is attached hereto.
_X_ b. has been previously submitted under 35 U.S.C. 154(d)(4).

7. _X_ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
_____ a. are attached hereto (required only if not communicated by the International Bureau).
_____ b. have been communicated by the International Bureau.
_____ c. have not been made; however, the time limit for making such amendments has NOT expired..
_X_ d. have not been made and will not be made.

8. ____ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).

9. ____ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).

10. _____ An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11 to 20 below concern document(s) or information included:

11. _X_ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.

12. _____ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.

13. _____ A preliminary amendment.

14. _X_ An Application Data Sheet under 37 CFR 1.76.

15. _____ A substitute specification.

16. _____ A power of attorney and/or change of address letter.

17. _____ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825.

18. _____ A second copy of the published International Application under 35 U.S.C. 154(d)(4).

19. _____ A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).

20. _____ Other items or information: _____

UNIV0350-1-21/0350 TL.doc

IAP5 Rec'd PCT/PTO 3 0 MAR 2006
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10/574 13	PCT/US2004/032427	**UNIV0350**

21. The following fees are submitted:

	CALCULATIONS	PTO USE ONLY

BASIC NATIONAL FEE (CFR 1.492(a)(1)-(5)):
Neither international preliminary examination fee (37 CFR 1.482)
Nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO
and International Search Report not prepared by the EPO or JPO.......................................$1080

International preliminary examination fee (37 CFR 1.482) not paid to
USPTO but International Search Report prepared by the EPO or JPO................................$ 920

International preliminary examination fee (37 CFR 1.482) not paid to USPTO
but international search fee (37 CFR 1.445(a)(2)) paid to USPTO......................................$ 770

International preliminary examination fee (37 CFR 1.482) paid to USPTO
but all claims did not satisfy provisions of PCT Article 33(1)-(4).....................................$ 730

International preliminary examination fee (37 CFR 1.482) paid to USPTO
and all claims satisfied provisions of PCT Article 33(1)-(4)...$ 100

Basic National Stage Fee..$ 300   **$ 300**

ENTER APPROPRIATE BASIC FEE AMOUNT =

Surcharge of $130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).   **$**

CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	39 - 20 =	19	X $50	$ 950	
Independent claims	3 - 3 =	0	X $200	$ 0	
Multiple Dependent Claims (if applicable)			+ $360	$ 0	
National Stage Search Fee			$500	0	
National Stage Examination Fee			$200	0	

TOTAL OF ABOVE CALCULATIONS =	$ 1250	
___X___ Applicant claims small entity status. See 37 CFR 1.27. Above fees are reduced by ½.	$ (625)	
SUBTOTAL =	$ 625	
Processing fee of $130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)). +	$	
TOTAL NATIONAL FEE =	$ 625	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). $40.00 per property +	$	
TOTAL FEES ENCLOSED =	$ 625	
	Amount to be refunded:	$
	Amount to be charged:	$

a. ___X_ A check in the amount of $625 to cover the above fees is enclosed.

b. _____Please charge my Deposit Account No. _____ in the amount of $_____ to cover the above fees.

c. ___X_ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 01-1940. A duplicate copy of this sheet is enclosed.

d. _____Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit cared information should not be included on this form. Provide credit card information and authorization on PTO-2038.

e. ___X_ Request for Constructive Petition for Extension of Time - It is requested that any concurrent or future reply submitted in the present application requiring a petition for an extension of time under 37 CFR 1.136(a)(3) for timely submission be treated as incorporating a petition for extension of time for the appropriate length of time. It is also requested that any additional required fees under § 1.17, including all required extension of time fees, be charged to Deposit Account No. 01-1940, thereby constructively petitioning for any necessary extension of time to maintain the present application in a pending state.

NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed

and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:
CUSTOMER NUMBER 25266
Ronald M. Anderson
Law Offices of Ronald M. Anderson
600 108th Avenue NE Suite 507
Bellevue, WA 98004

10/574133

IAP5 Rec'd PCT/PTO 3 0 MAR 2006

Ron Anderson

Signature

Ronald M. Anderson

Name

28829

Registration Number

EXPRESS MAIL CERTIFICATE

"Express Mail" mailing label number: EV538087901US   Date of Deposit: 30 March 2006

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated above and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Kathy L. Paulino

(Typed or printed name of person mailing paper or fee)

(Signature of person mailing paper or fee)